

The Commonwealth of Massachusetts
Executive Office of Health and Human Services
Department of Public Health
William A. Hinton State Laboratory Institute
305 South Street, Jamaica Plain, MA 02130

DEVAL L. PATRICK
GOVERNOR

TIMOTHY P. MURRAY
LIEUTENANT GOVERNOR

JUDYANN BIGBY, MD
SECRETARY

JOHN AUERBACH
COMMISSIONER

11/08/2011

Keith McCray
Assistant District Attorney, Norfolk County

Dear ADA McCray,

Enclosed is the information you requested in regards to Commonwealth vs. [REDACTED]
Included are copies of the following:

1. Curriculum Vitae for Annie Dookhan,
2. Drug Analysis Laboratory Receipt,
3. Control Cards with analytical results for samples # [REDACTED]
4. Analysis sheets with custodial chemist's hand notations and test results.
5. GC/Mass Spectral analytical data for samples # [REDACTED]

Annie Dookhan was the custodial chemist and performed the preliminary testing and net weight for this sample. Daniel Renczkowski analyzed the GC/MS data for this sample.

If you have any questions about these materials, please call me at the number below.

Sincerely,

A handwritten signature in black ink, appearing to read "Annie Dookhan".

Annie Dookhan
Chemist
Drug Analysis Lab
Jamaica Plain, MA. 02130
(617) 983-6622

Curriculum Vitae

Annie Khan (Dookhan)

Education:

University of Massachusetts, Boston, Ma, Master of Science in Chemistry.

University of Massachusetts, Boston, Ma, Bachelor of Science in Biochemistry.

Experience:

2003 – present

Chemist I, II, Massachusetts Department of Public Health, Drug Analysis Laboratory

*Completed six-week training course conducted by senior staff within the Department of Public Health, Drug Analysis Laboratory.

*Appointed Assistant Analyst by Assistant Commissioner of Public Health, 2004.

*Responsible for the identification of illicit drugs to determine violations of harmful and narcotic drug laws.

*Trained in the use of complex analytical instrumentation, microscopes and balances for the purpose of drug analysis.

*Maintenance and repairs of all analytical instruments.

*Responsible for the Quality Control of all analytical instruments, reagents and controls/standards.

*Oversee the Quality Control/Quality Assurance program for the Drug Lab.

*Writing, revising and reviewing Standard Operating Procedures (SOPs) and Protocols.

*Notary Public.

*Qualified as an expert witness in Massachusetts Courts and U.S. District Court

2001 – 2003

QC Analyst I, II, UMMS-Massachusetts Biologic Laboratory, QC Material Control

*Completed proficiency training conducted by a member of the staff within the MLB Quality Control and Quality Assurance Department.

*Method Development for creating new techniques and enhancing vaccines for the QC Dept. and FDA.

*Writing, revising and reviewing Standard Operating Procedures (SOPs).

*Trained and supervised new chemists and interns for the department.

*Routine QC testing of products for the FDA.

*Trained in the use of complex analytical instrumentation, and balances for the purpose of QC analysis for product and validation projects.

*Calibration, preventive maintenance, QC and QA of analytical instrumentation.

*Complete testing of chemicals for Vendor Validation Project for the FDA.

*Compendial testing and interpretation of the USP, ACS, FCC, AOAC, Merck Index, PDR, etc.

Additional Training:

Dept. of Justice – Forensics Professionals. (numerous trainings)

GLP/GMP training with Massachusetts Biologic Laboratory.

QC/QA training according to FDA Codes and Regulations.

GC and GC/MS trainings with Agilent Technologies and Restek.

HPLC and LC/MS/MS trainings with Waters Cooperation.

FTIR training with Spectros.

TOC training with MBL and Sievers.

Association:

American Chemical Society (ACS)

Northeastern Association of Forensics Science (NEAFS)

PLEASE PRINT CLEARLY OR TYPE ALL INFORMATION

The Commonwealth of Massachusetts

Executive Office of Health and Human Services

Department of Public Health

State Laboratory Institute

Boston Drug Laboratory

Tel (617) 983-6622

Fax (617) 983-6625

Boston Hours

8:00 – 11:00

2:00 – 4:00

Amherst Drug Laboratory

Tel (413) 545-2601

Fax (413) 545-2608

DRUG RECEIPT

Amherst Hours

9:00 - 12:00

1:00 - 3:00

City or Department: Quincy

Police Reference No.:

Name and Rank of Submitting Officer: Det. Ward

Defendant(s) Name (last, first, initial):

To be completed by Submitter

Description of Items Submitted

To be completed by Lab Personnel

Gross Weight

Lab Number

① P/B Brown Powder

2.32g

Received by:

80

Date:

2-9-11

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State Laboratory Institute

Boston Drug Laboratory
Tel (617) 983-6622
Fax (617) 983-6625

Amherst Drug Laboratory
Tel (413) 545-2601
Fax (413) 545-2608

Boston Hours
8:00 – 11:00
2:00 – 4:00

Amherst Hours
9:00 – 12:00
1:00 – 3:00

DRUG RECEIPT

City or Department: Q. S.W.C.Y Police Reference No.: [REDACTED]

Name and Rank of Submitting Officer: DET. LARCA DET. COEN

Defendant(s) Name (last, first, initial):
[REDACTED]

To be completed by Submitter

Description of Items Submitted

To be completed by Lab Personnel

Gross Weight

Lab Number

⑥ P/Bs Brown Powder	9.35g	[REDACTED]

Received by: BD Date: 2-9-11

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2:00 – 4:00

Amherst Drug Laboratory
Tel (413) 545-2601
Fax (413) 545-2608

Amherst Hours
9:00 – 12:00
1:00 – 3:00

DRUG RECEIPT

City or Department: Quincy Police Reference No.: [REDACTED]

Name and Rank of Submitting Officer: Det. W.A.C. Det. Coan

Defendant(s) Name (last, first, initial):
[REDACTED]

To be completed by Submitter

Description of Items Submitted

To be completed by Lab Personnel

Gross Weight

Lab Number

① P/B Brown Powder

2.37g

① P/B Brown Powder	2.37g	[REDACTED]

Received by: Glo

Date: 2-9-11

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Department of Public Health
State Laboratory Institute

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Boston Hours
8:00 – 11:00
2:00 – 4:00

Amherst Drug Laboratory
Tel (413) 545-2601
Fax (413) 545-2608

Amherst Hours
9:00 – 12:00
1:00 – 3:00

DRUG RECEIPT

City or Department: Quincy

Police Reference No.: [REDACTED]

Name and Rank of Submitting Officer: Det. WARD Det. COON

Defendant(s) Name (last, first, initial):
[REDACTED]

To be completed by Submitter

Description of Items Submitted

To be completed by Lab Personnel

Gross Weight

Lab Number

② P/B Brown Powder

2.73g

Received by: RLD

Date: 2-9-11

Prelim: Heroin

Findings:

Heroin

No. [REDACTED]
City: Quincy Police Dept.
Officer: Detective BRIAN COEN
Def: [REDACTED]
Amount:
No. Cont: 1 Cont: pb
Date Rec'd: 02/09/2011
Gross Wt.: 2.32
No. Cont: 1 Cont: pb
Date Rec'd: 02/09/2011
Gross Wt.: 2.73
No. Cont: 1 Cont: pb
Date Rec'd: 02/09/2011
Gross Wt.: 2.73

No. [REDACTED]
City: Quincy Police Dept.

Officer: Detective BRIAN COEN

Def: [REDACTED]

Amount:

No. Cont: 1 Cont: pb

Date Rec'd: 02/09/2011

Gross Wt.: 2.32

Date Analyzed: 4-8-11

Subst: SUB

No. Analyzed:

Net Weight: 0.25

Tests: 480
• 2DJR

Prelim: Heroin

Findings: Heroin

No. Analyzed: 1
Net Weight: 0.14
Tests: 180
• 2DJR

No. [REDACTED]
City: Quincy Police Dept.

Officer: Detective BRIAN COEN

Def: [REDACTED]

Amount:

No. Cont: 6 Cont: pb

Date Rec'd: 02/09/2011

Gross Wt.: 9.35

Date Analyzed: 4-8-11

Subst: SUB

No. Analyzed: 3

Net Weight: 5.14

Tests: 180
• 6DJR

Prelim: Heroin

Findings: Heroin

No. [REDACTED]
City: Quincy Police Dept.
Officer: Detective BRIAN COEN
Def: [REDACTED]

Amount:

No. Cont: 1 Cont: pb

Date Rec'd: 02/09/2011

Gross Wt.: 2.37

Date Analyzed:

4-8-11

Subst: SUB

No. Analyzed:

Net Weight: 0.20

Tests: 140
• 2DJR

Prelim: Heroin

Findings: Heroin

DRUG POWDER ANALYSIS FORM

SAMPLE # XXXXXXXXXX AGENCY Quebec ANALYST AJZ

No. of samples tested: _____ Evidence Wt. _____

PHYSICAL DESCRIPTION: Gross Wt (): 0.3836

Beige powdered substance

11-85

Gross Wt (): _____

Pkg. Wt: _____

Net Wt: 0.2578

PRELIMINARY TESTS

Spot Tests

Cobalt
Thiocyanate (-)

Marquis +

Froehde's +

Mecke's +

Microcrystalline Tests

Gold
Chloride _____

TLTA (-)

OTHER TESTS

PRELIMINARY TEST RESULTS

RESULTS Heroin

DATE 04-02-11

GC/MS CONFIRMATORY TEST

RESULTS Heroin

MS
OPERATOR DJR

DATE 4-8-11

DRUG POWDER ANALYSIS FORM

SAMPLE # [REDACTED] AGENCY Quincy ANALYST A32

No. of samples tested: _____ Evidence Wt: _____

PHYSICAL DESCRIPTION: Gross Wt (6): 3.5118

Beige powdered substance Gross Wt (1): _____

17.6 pbs Pkg. Wt: _____

2 pbs = large Net Wt: _____

large = gross wt of 2 pbs = 3.4162

4 pbs = small

small = gross - 4 pbs = 1.5972

double wgted gross wt - pbs = 0.3775

net wt = 0.1856

PRELIMINARY TESTS

Spot Tests

3 Cobalt Thiocyanate (+)

3 Marquis +

3 Froehde's +

3 Mecke's +

Microcrystalline Tests

Gold Chloride _____

TLTA ()

OTHER TESTS

PRELIMINARY TEST RESULTS

RESULTS Wet研

DATE 04-01-11

GC/MS CONFIRMATORY TEST

RESULTS Hexane

MS OPERATOR DJR

DATE 4-8-11

Sample #: [REDACTED]

samples tested: 3

#	Gross Weight	Packet Weight	Net Weight	#	Gross Weight	Packet Weight	Net Weight
1	2.7487	0.2432	2.5035	26	→ range		
2	1.1738	0.2742	0.8996	27			
3				28			
4		X =	3.4031	29			
5				30			
6				31			
7	0.3775	0.1919	0.1856	32	- small		
8				33			
9		X =	0.1856	34			
10		X(4) =	0.7424	35			
11				36			
12				37			
13				38			
14				39			
15				40			
16				41			
17				42			
18				43			
19				44			
20				45			
21				46			
22				47			
23				48			
24				49			
25				50			

Calculations:

$$\text{Est Net wt} = 3.4031 + 0.7424$$

$$= 4.1455$$

DRUG POWDER ANALYSIS FORM

SAMPLE # XXXXXXXXXX AGENCY Quincy ANALYST AD2

No. of samples tested: _____ Evidence Wt. _____

Evidence Wt. _____

PHYSICAL DESCRIPTION:

Gross Wt (): 0.3922

Brige pond near south end

Gross Wt (): _____

11-88

Pkg. Wt: _____

dubbelts a week

Net Wt: 0.2047

PRELIMINARY TESTS

Spot Tests

Cobalt
Thiocyanate (+)

Microcrystalline Tests

Gold
Chloride _____

Marquis +

TLTA ()

Froehde's *†*

OTHER TESTS

Mecke's +

OTHER TESTS

PRELIMINARY TEST RESULTS

GC/MS CONFIRMATORY TEST

RESULTS *Wenow*

RESULTS Neuro

DATE 04-01-61

MS
OPERATOR DSR

DATE 4-8-11

DRUG POWDER ANALYSIS FORM

SAMPLE # [REDACTED] AGENCY Quincy ANALYST ASO

No. of samples tested: _____ Evidence Wt: _____

PHYSICAL DESCRIPTION: Gross Wt (): 0.7036

Beige powdered substance Gross Wt (): 0.8304

in 2 pbs

Pkg. Wt: _____

similar

Net Wt: 0.1406

PRELIMINARY TESTS

Spot Tests

Cobalt
Thiocyanate (+) _____

Microcrystalline Tests

Gold
Chloride _____

Marquis + _____

TLTA () _____

Froehde's + _____

OTHER TESTS

Mecke's + _____

PRELIMINARY TEST RESULTS

RESULTS Heroin _____

DATE 4-1-11 _____

GC/MS CONFIRMATORY TEST

RESULTS Heroin _____

MS
OPERATOR DJR _____

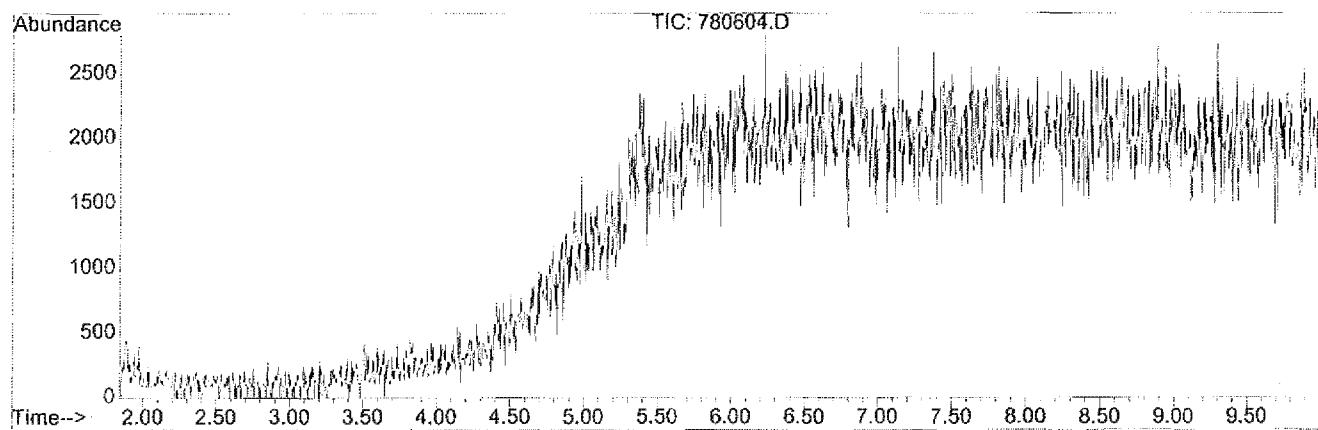
DATE 4-8-11 _____

Area Percent / Library Search Report

Information from Data File:

File Name : D:\SYSTEM4\04_05_11\780604.D
Operator : ASD
Date Acquired : 5 Apr 2011 9:18
Sample Name : BLANK
Submitted by :
Vial Number : 1
AcquisitionMeth: DRUGS
Integrator : RTE

✓DSR
11-3-11



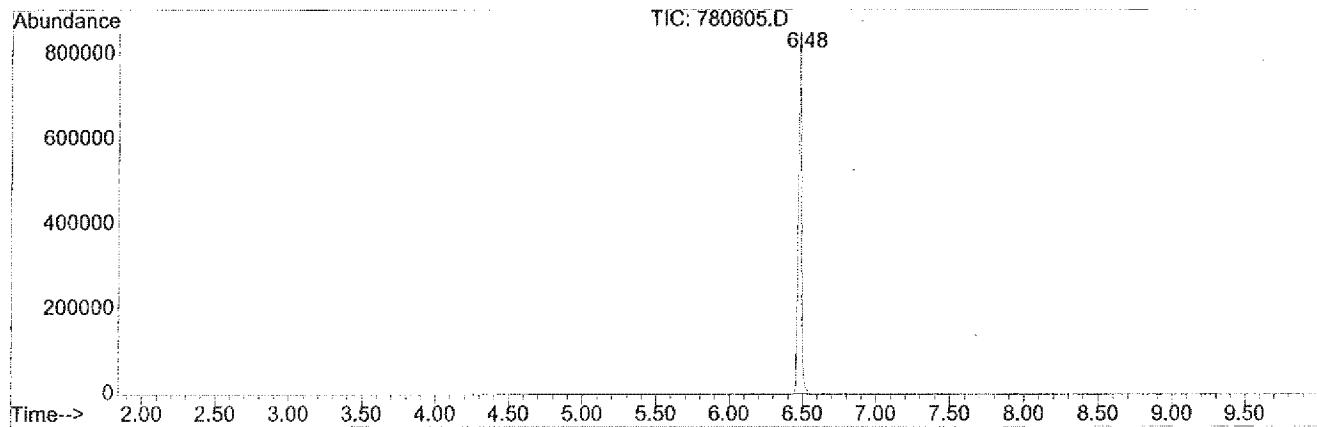
Ret. Time	Area	Area %	Ratio %
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NO INTEGRATED PEAKS

Area Percent / Library Search Report

Information from Data File:

File Name : D:\SYSTEM4\04_05_11\780605.D
Operator : ASD
Date Acquired : 5 Apr 2011 9:32
Sample Name : HEROIN STD
Submitted by :
Vial Number : 5
AcquisitionMeth: DRUGS
Integrator : RTE



Ret. Time	Area	Area %	Ratio %
6.481	1296027	100.00	100.00

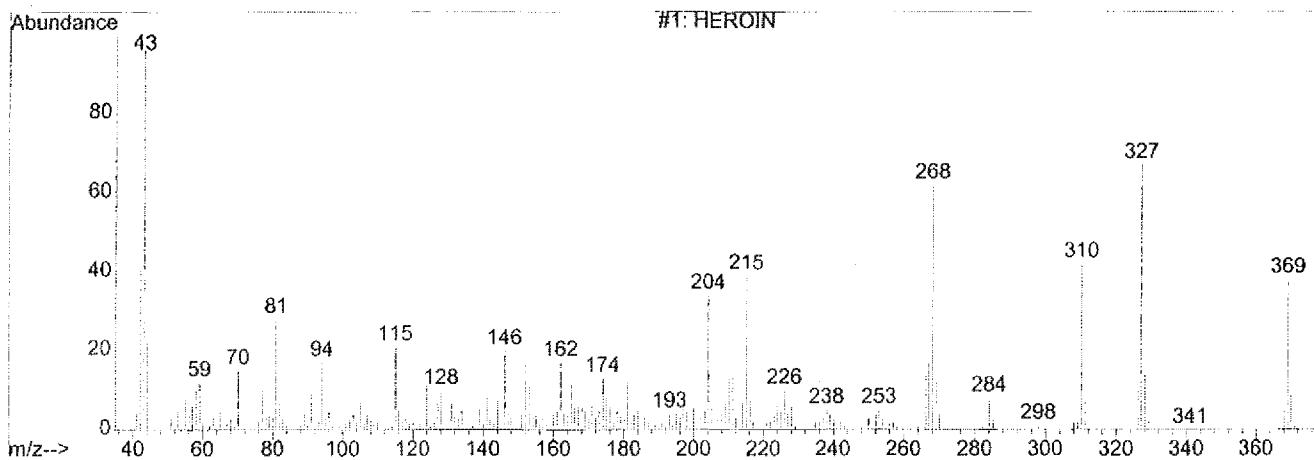
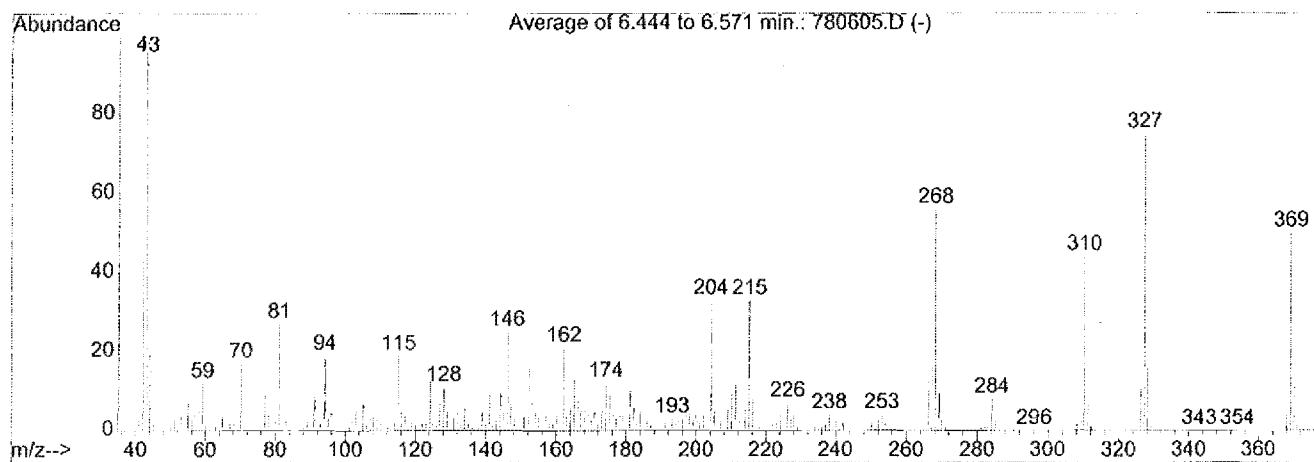
Area Percent / Library Search Report

Information from Data File:

File Name : D:\SYSTEM4\04_05_11\780605.D
Operator : ASD
Date Acquired : 5 Apr 2011 9:32
Sample Name : HEROIN STD
Submitted by :
Vial Number : 5
AcquisitionMeth: DRUGS
Integrator : RTE

Search Libraries: C:\DATABASE\SLI.L Minimum Quality: 90
C:\DATABASE\PMW_TOX2.L Minimum Quality: 90
C:\DATABASE\NIST98.L

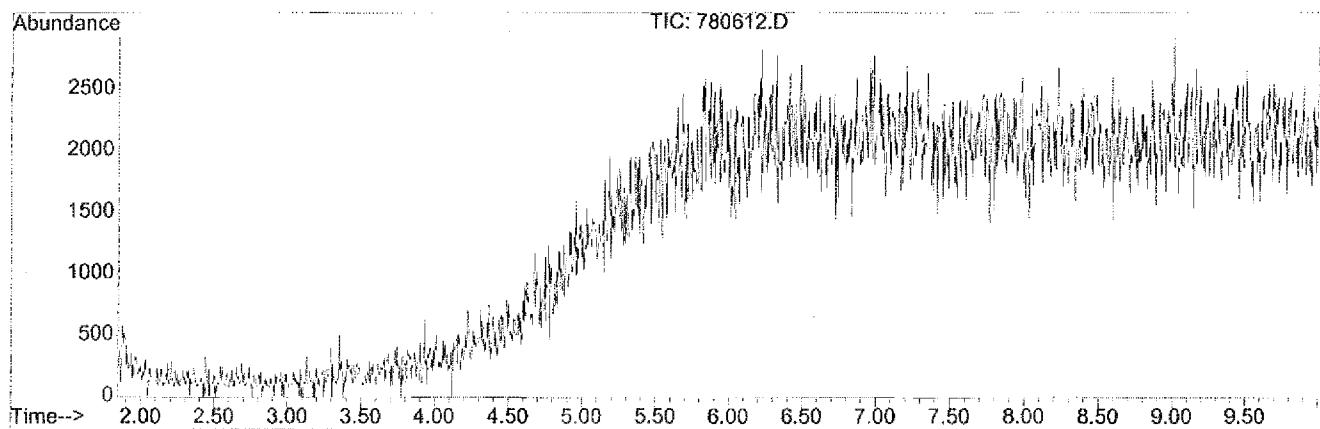
PK#	RT	Library/ID	CAS#	Qual
1	6.48	C:\DATABASE\SLI.L HEROIN	000561-27-3	99



Area Percent / Library Search Report

Information from Data File:

File Name : D:\SYSTEM4\04_05_11\780612.D
Operator : ASD
Date Acquired : 5 Apr 2011 11:08
Sample Name : BLANK
Submitted by : ASD
Vial Number : 1
AcquisitionMeth: DRUGS
Integrator : RTE



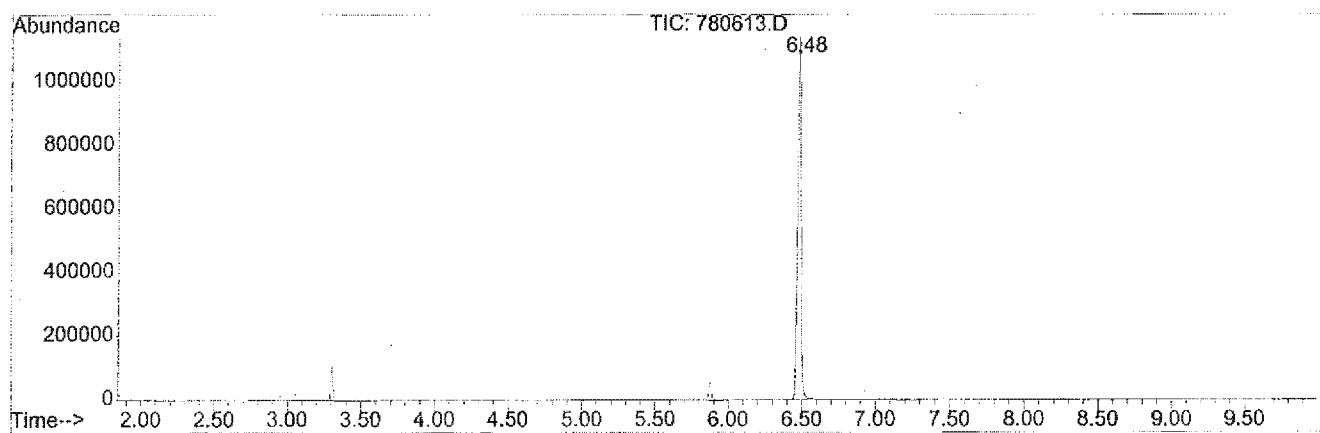
Ret. Time	Area	Area %	Ratio %
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NO INTEGRATED PEAKS

Area Percent / Library Search Report

Information from Data File:

File Name : D:\SYSTEM4\04_05_11\780613.D
Operator : ASD
Date Acquired : 5 Apr 2011 11:21
Sample Name : XXXXXXXXXX
Submitted by : ASD
Vial Number : 13
AcquisitionMeth: DRUGS
Integrator : RTE



Ret. Time	Area	Area %	Ratio %
6.483	1734332	100.00	100.00

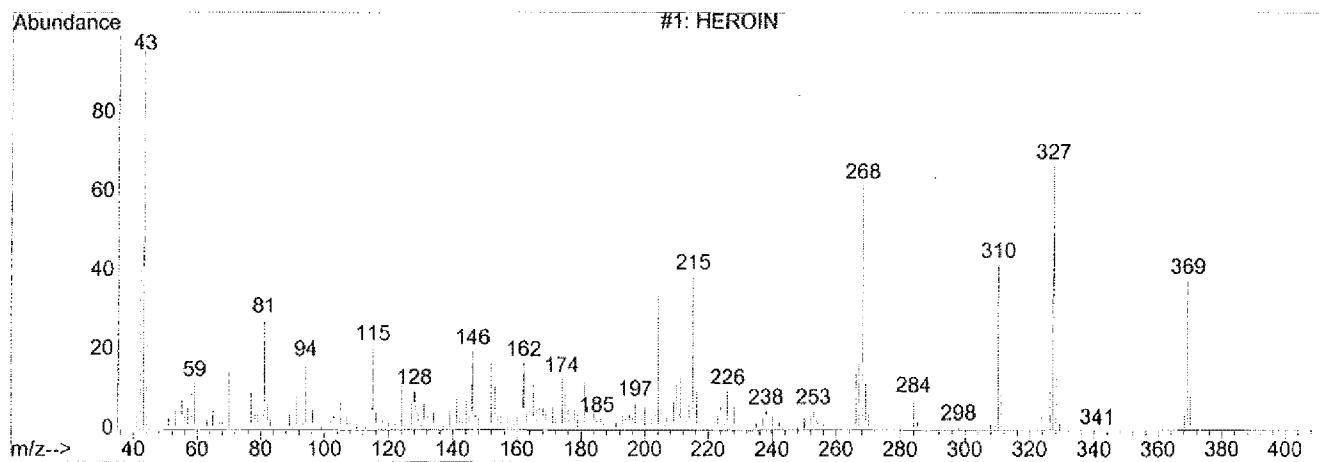
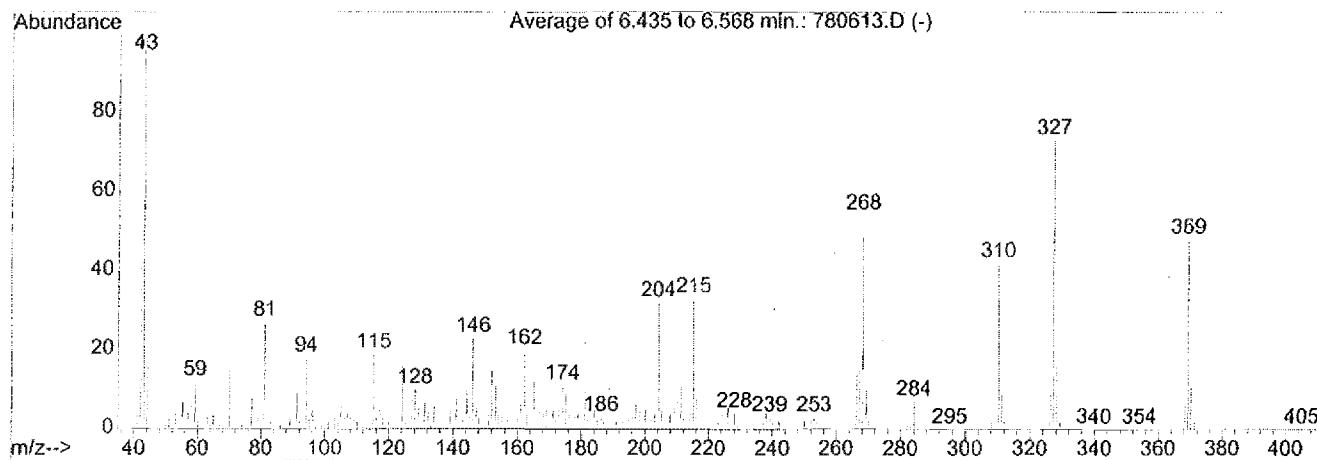
Area Percent / Library Search Report

Information from Data File:

File Name : D:\SYSTEM4\04_05_11\780613.D
Operator : ASD
Date Acquired : 5 Apr 2011 11:21
Sample Name : XXXXXXXXXX
Submitted by : ASD
Vial Number : 13
AcquisitionMeth: DRUGS
Integrator : RTE

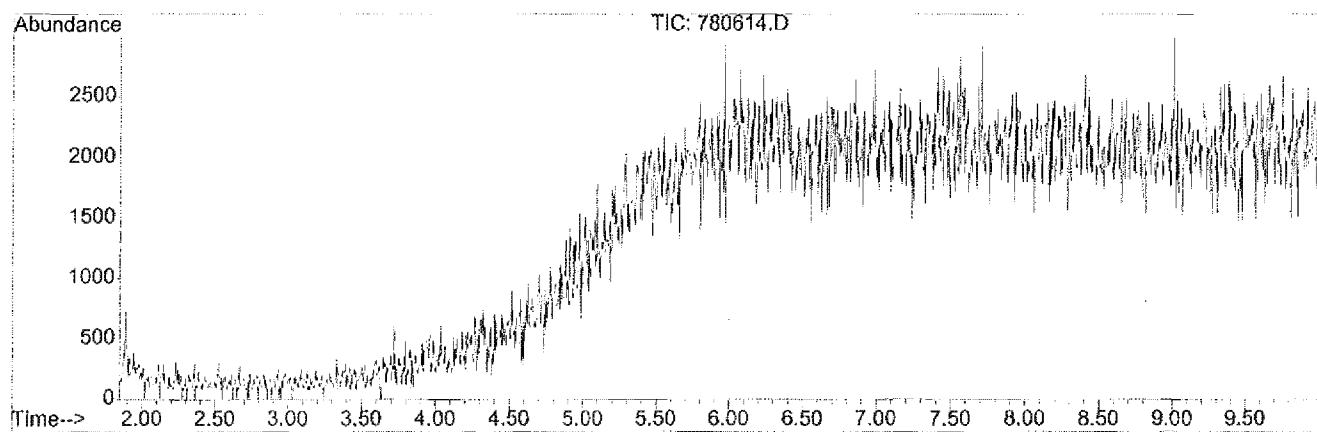
Search Libraries: C:\DATABASE\SLI.L Minimum Quality: 90
C:\DATABASE\PMW_TOX2.L Minimum Quality: 90
C:\DATABASE\NIST98.L

PK#	RT	Library/ID	CAS#	Qual
1	6.48	C:\DATABASE\SLI.L HEROIN	000561-27-3	99



Information from Data File:

File Name : D:\SYSTEM4\04_05_11\780614.D
Operator : ASD
Date Acquired : 5 Apr 2011 11:35
Sample Name : BLANK
Submitted by : ASD
Vial Number : 1
AcquisitionMeth: DRUGS
Integrator : RTE



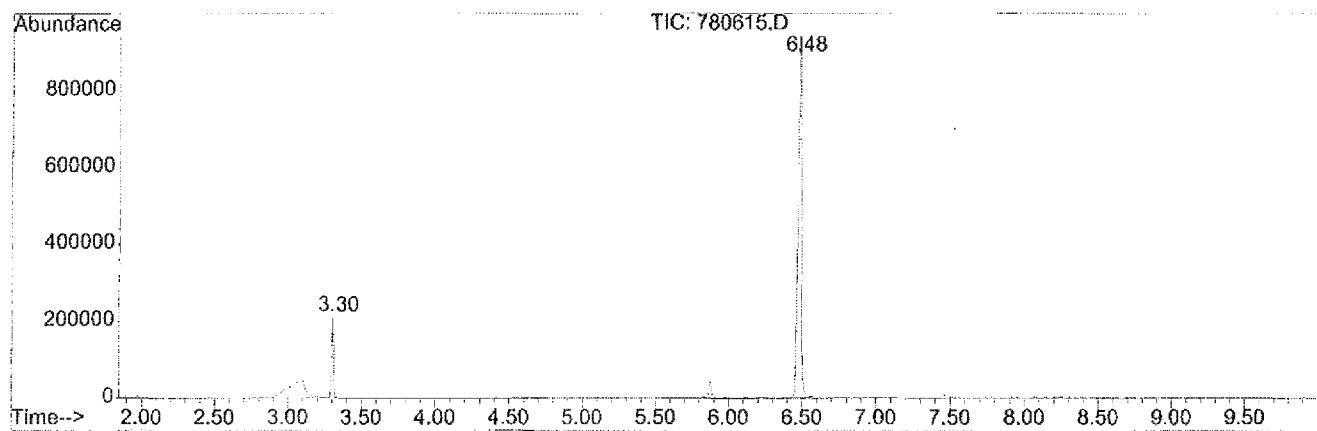
Ret. Time	Area	Area %	Ratio %
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NO INTEGRATED PEAKS

Area Percent / Library Search Report

Information from Data File:

File Name : D:\SYSTEM4\04_05_11\780615.D
Operator : ASD
Date Acquired : 5 Apr 2011 11:49
Sample Name : XXXXXXXXXX
Submitted by : ASD
Vial Number : 15
AcquisitionMeth: DRUGS
Integrator : RTE



Ret. Time	Area	Area %	Ratio %
3.303	192709	11.81	13.40
6.476	1438651	88.19	100.00

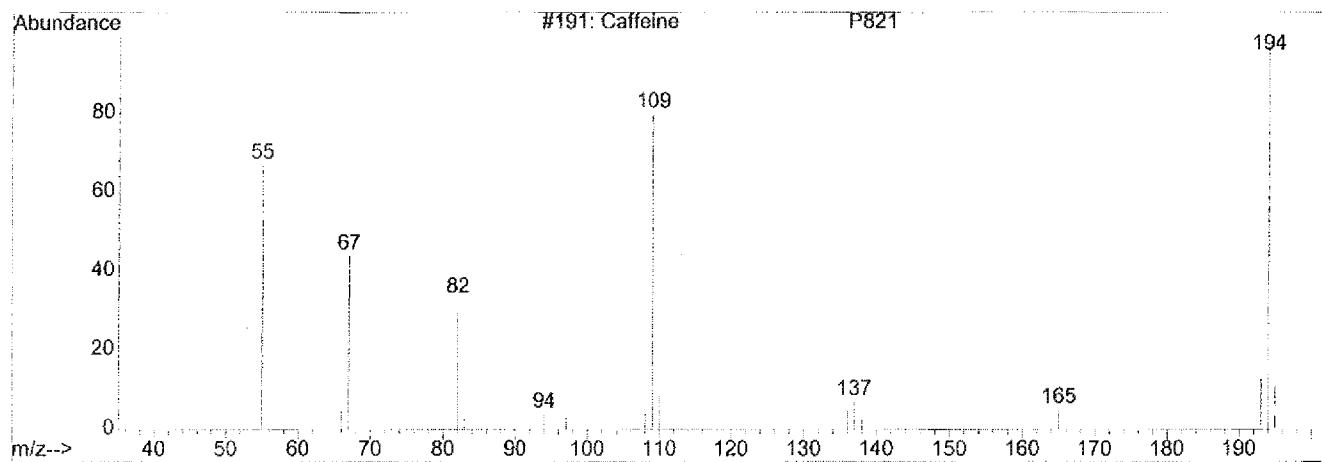
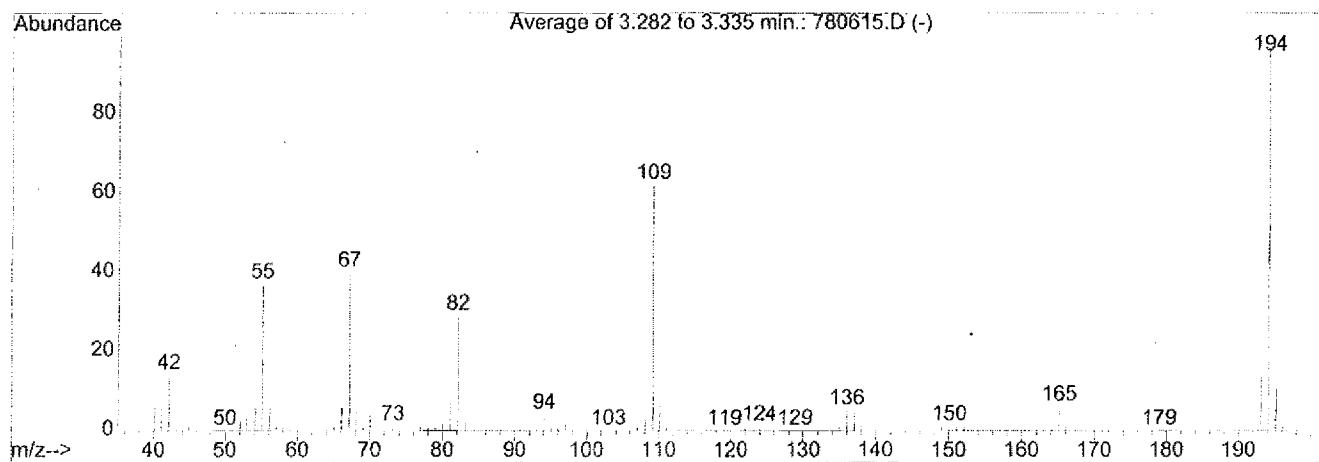
Area Percent / Library Search Report

Information from Data File:

File Name : D:\SYSTEM4\04_05_11\780615.D
Operator : ASD
Date Acquired : 5 Apr 2011 11:49
Sample Name : XXXXXXXXXX
Submitted by : ASD
Vial Number : 15
AcquisitionMeth: DRUGS
Integrator : RTE

Search Libraries: C:\DATABASE\SLI.L Minimum Quality: 90
C:\DATABASE\PMW_TOX2.L Minimum Quality: 90
C:\DATABASE\NIST98.L

PK#	RT	Library/ID	CAS#	Qual
1	3.30	C:\DATABASE\PMW_TOX2.L		
		Caffeine	000058-08-2	95
		Endogenous biomolecule 2AC	000000-00-0	9
		Dichlorvos	000062-73-7	9



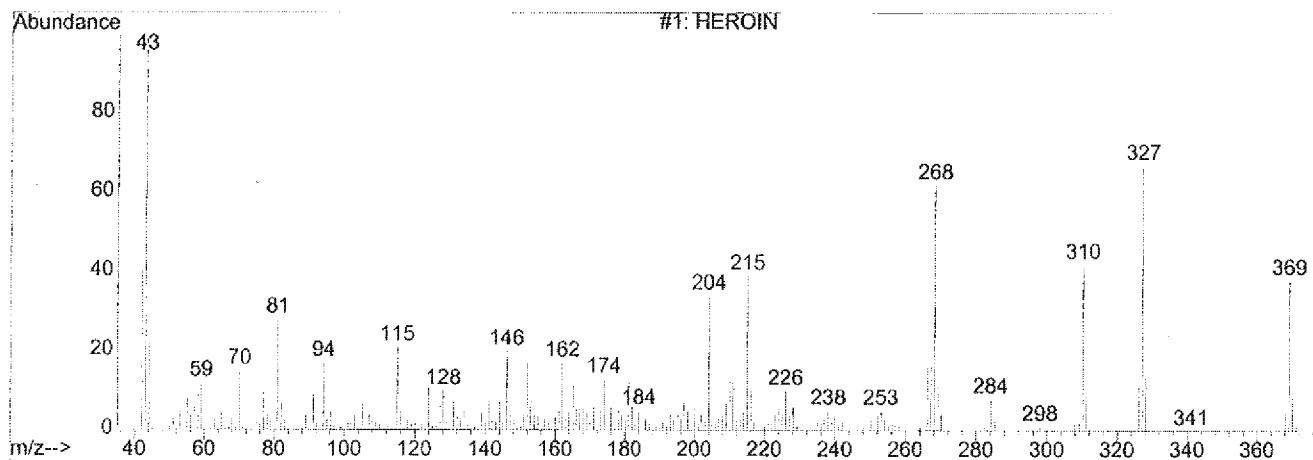
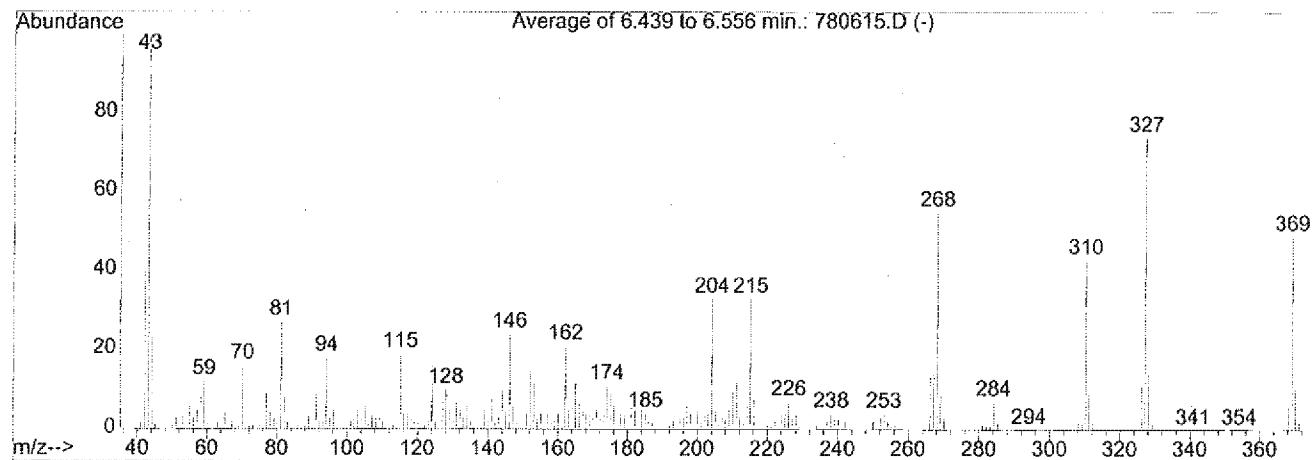
Area Percent / Library Search Report

Information from Data File:

File Name : D:\SYSTEM4\04_05_11\780615.D
Operator : ASD
Date Acquired : 5 Apr 2011 11:49
Sample Name : XXXXXXXXXX
Submitted by : ASD
Vial Number : 15
AcquisitionMeth: DRUGS
Integrator : RTE

Search Libraries: C:\DATABASE\SLI.L Minimum Quality: 90
C:\DATABASE\PMW_TOX2.L Minimum Quality: 90
C:\DATABASE\NIST98.L

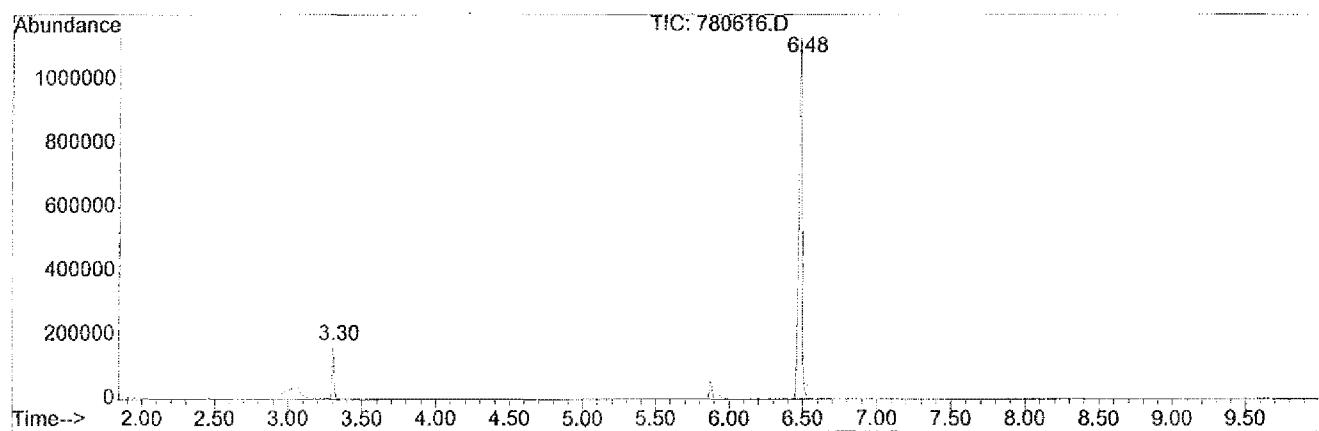
PK#	RT	Library/ID	CAS#	Qual
2	6.48	C:\DATABASE\SLI.L HEROIN	000561-27-3	99



Area Percent / Library Search Report

Information from Data File:

File Name : D:\SYSTEM4\04_05_11\780616.D
Operator : ASD
Date Acquired : 5 Apr 2011 12:03
Sample Name : XXXXXXXXXX
Submitted by : ASD
Vial Number : 16
AcquisitionMeth: DRUGS
Integrator : RTE



Ret. Time	Area	Area %	Ratio %
3.304	159522	8.48	9.27
6.482	1721449	91.52	100.00

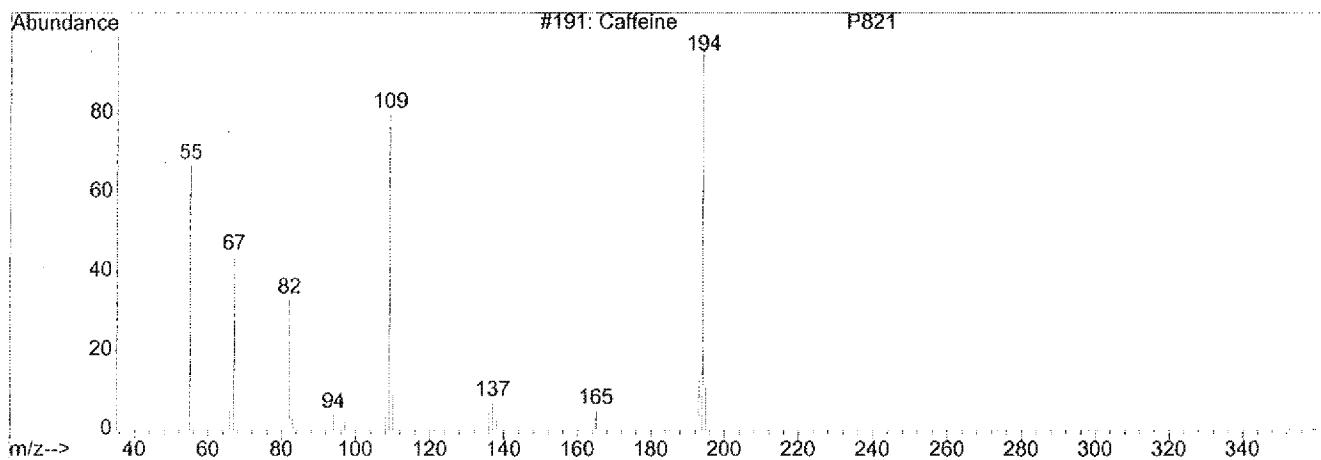
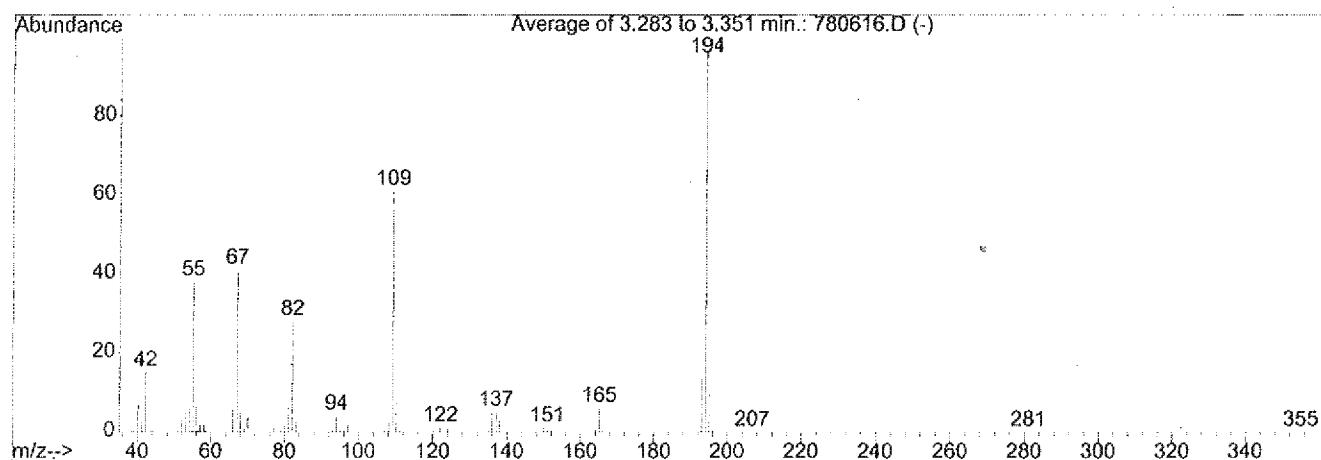
Area Percent / Library Search Report

Information from Data File:

File Name : D:\SYSTEM4\04_05_11\780616.D
Operator : ASD
Date Acquired : 5 Apr 2011 12:03
Sample Name : XXXXXXXXXX
Submitted by : ASD
Vial Number : 16
AcquisitionMeth: DRUGS
Integrator : RTE

Search Libraries: C:\DATABASE\SLI.L Minimum Quality: 90
C:\DATABASE\PMW_TOX2.L Minimum Quality: 90
C:\DATABASE\NIST98.L

PK#	RT	Library/ID	CAS#	Qual
1	3.30	C:\DATABASE\PMW_TOX2.L		
		Caffeine	000058-08-2	95
		Dichlorvos	000062-73-7	9
		Proxyphylline	000603-00-9	4



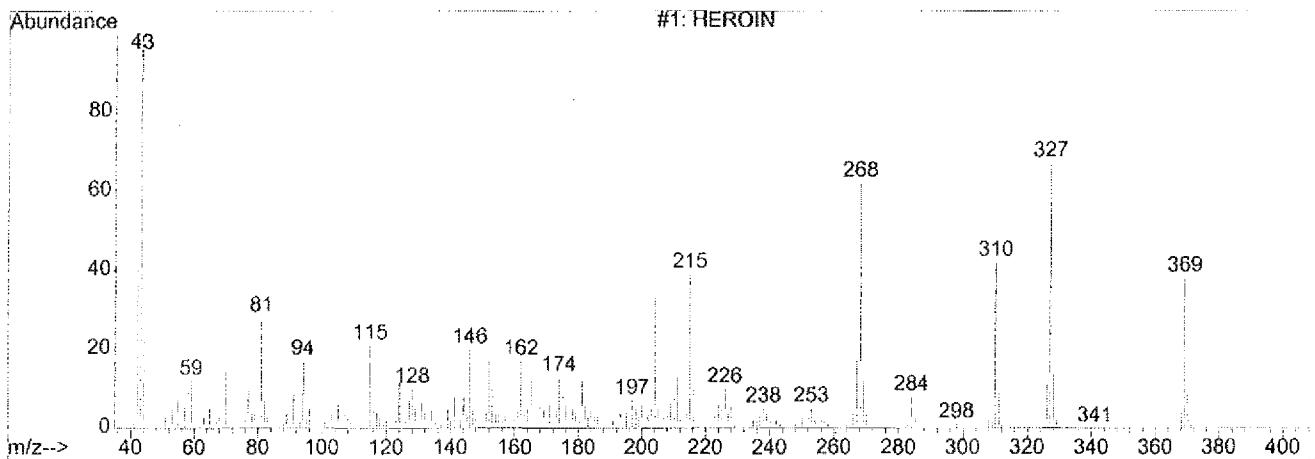
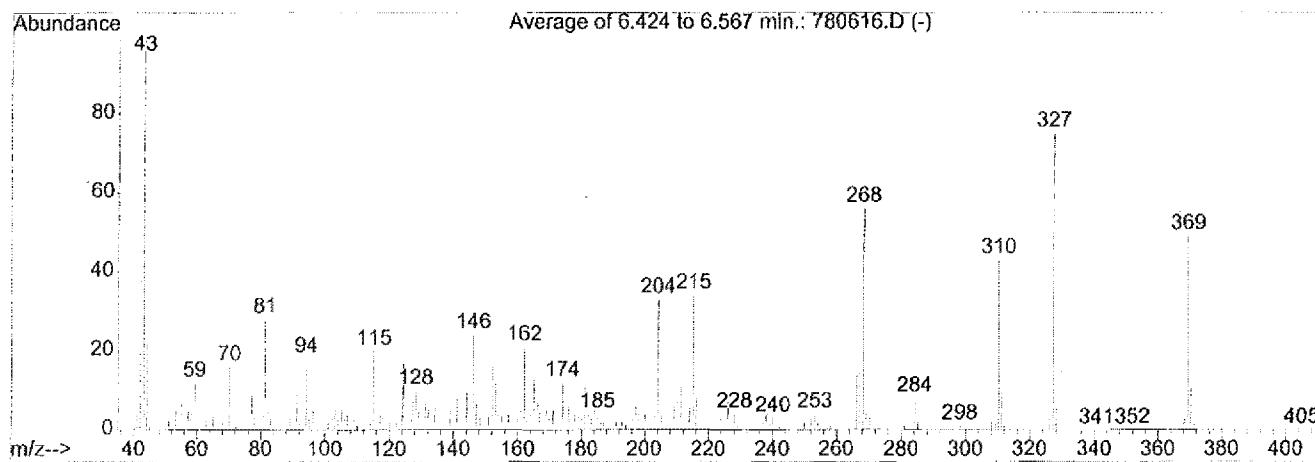
Area Percent / Library Search Report

Information from Data File:

File Name : D:\SYSTEM4\04_05_11\780616.D
Operator : ASD
Date Acquired : 5 Apr 2011 12:03
Sample Name : XXXXXXXXXX
Submitted by : ASD
Vial Number : 16
AcquisitionMeth: DRUGS
Integrator : RTE

Search Libraries: C:\DATABASE\SLI.L Minimum Quality: 90
C:\DATABASE\PMW_TOX2.L Minimum Quality: 90
C:\DATABASE\NIST98.L

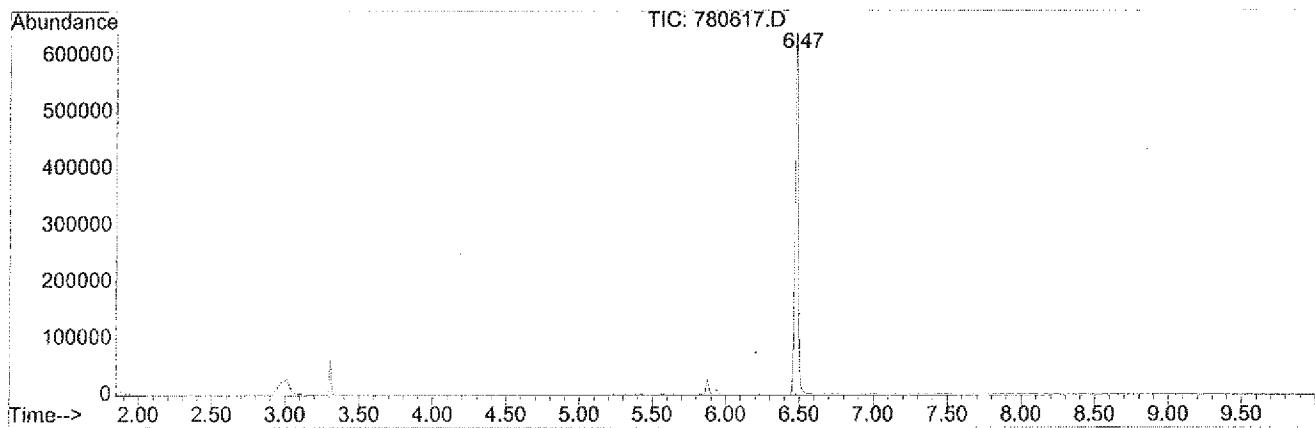
PK#	RT	Library/ID	CAS#	Qual
2	6.48	C:\DATABASE\SLI.L HEROIN	000561-27-3	99



Area Percent / Library Search Report

Information from Data File:

File Name : D:\SYSTEM4\04_05_11\780617.D
Operator : ASD
Date Acquired : 5 Apr 2011 12:16
Sample Name : XXXXXXXXXX
Submitted by : ASD
Vial Number : 17
AcquisitionMeth: DRUGS
Integrator : RTE



Ret. Time	Area	Area %	Ratio %
6.474	966698	100.00	100.00

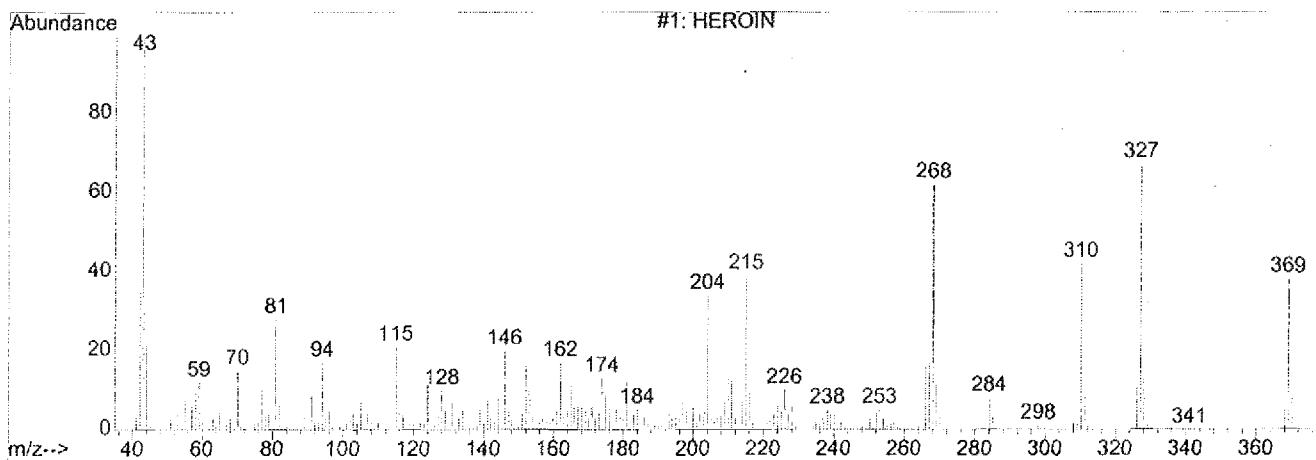
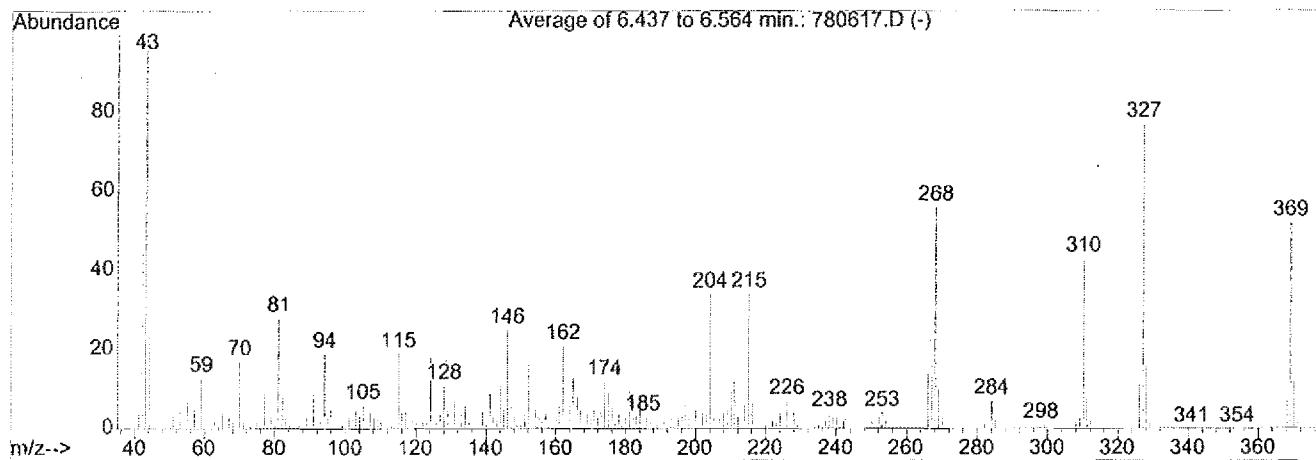
Area Percent / Library Search Report

Information from Data File:

File Name : D:\SYSTEM4\04_05_11\780617.D
Operator : ASD
Date Acquired : 5 Apr 2011 12:16
Sample Name : XXXXXXXXXX
Submitted by : ASD
Vial Number : 17
AcquisitionMeth: DRUGS
Integrator : RTE

Search Libraries: C:\DATABASE\SLI.L Minimum Quality: 90
C:\DATABASE\PMW_TOX2.L Minimum Quality: 90
C:\DATABASE\NIST98.L

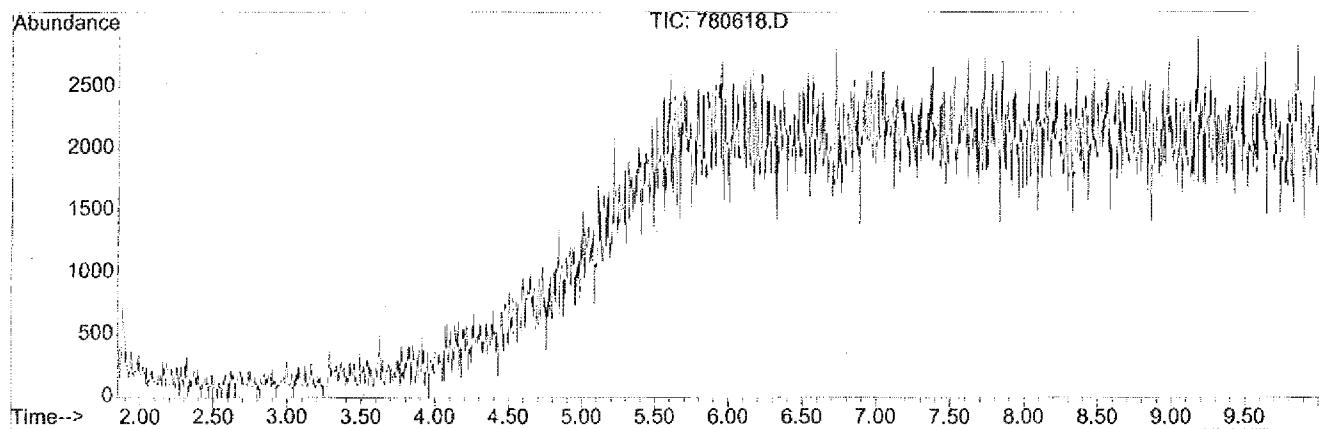
PK#	RT	Library/ID	CAS#	Qual
1	6.47	C:\DATABASE\SLI.L HEROIN	000561-27-3	99



Area Percent / Library Search Report

Information from Data File:

File Name : D:\SYSTEM4\04_05_11\780618.D
Operator : ASD
Date Acquired : 5 Apr 2011 12:30
Sample Name : BLANK
Submitted by : ASD
Vial Number : 1
AcquisitionMeth: DRUGS
Integrator : RTE



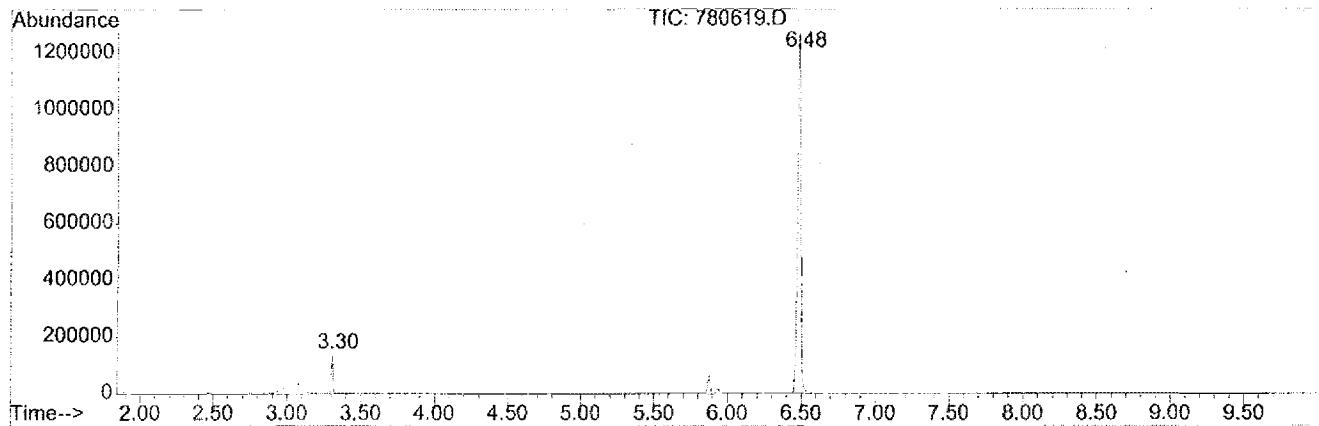
Ret. Time	Area	Area %	Ratio %
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NO INTEGRATED PEAKS

Area Percent / Library Search Report

Information from Data File:

File Name : D:\SYSTEM4\04_05_11\780619.D
Operator : ASD
Date Acquired : 5 Apr 2011 12:44
Sample Name : XXXXXXXXXX
Submitted by : ASD
Vial Number : 19
AcquisitionMeth: DRUGS
Integrator : RTE



Ret. Time	Area	Area %	Ratio %
3.303	124576	6.14	6.54
6.482	1904003	93.86	100.00

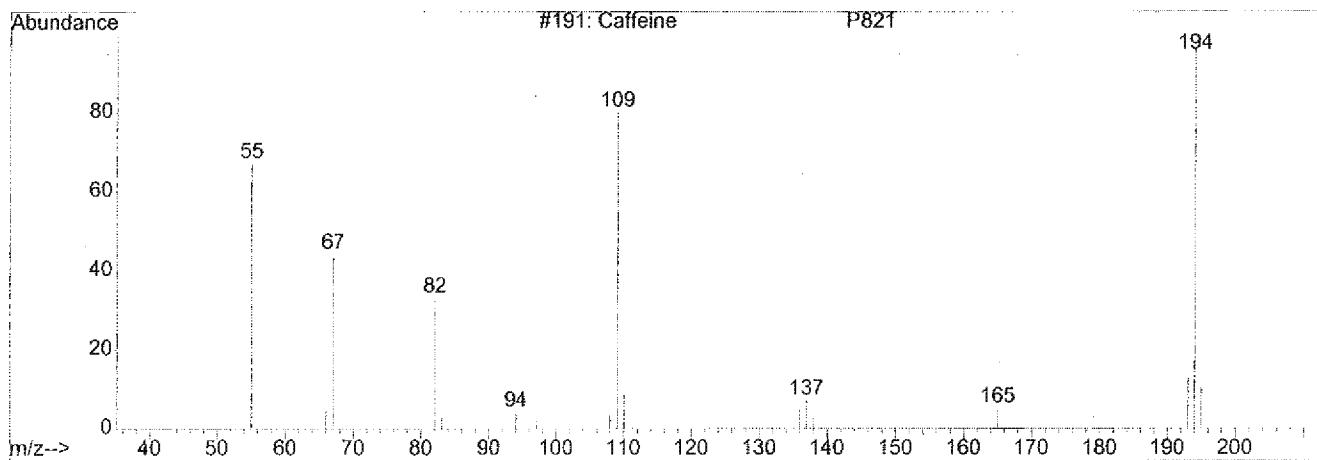
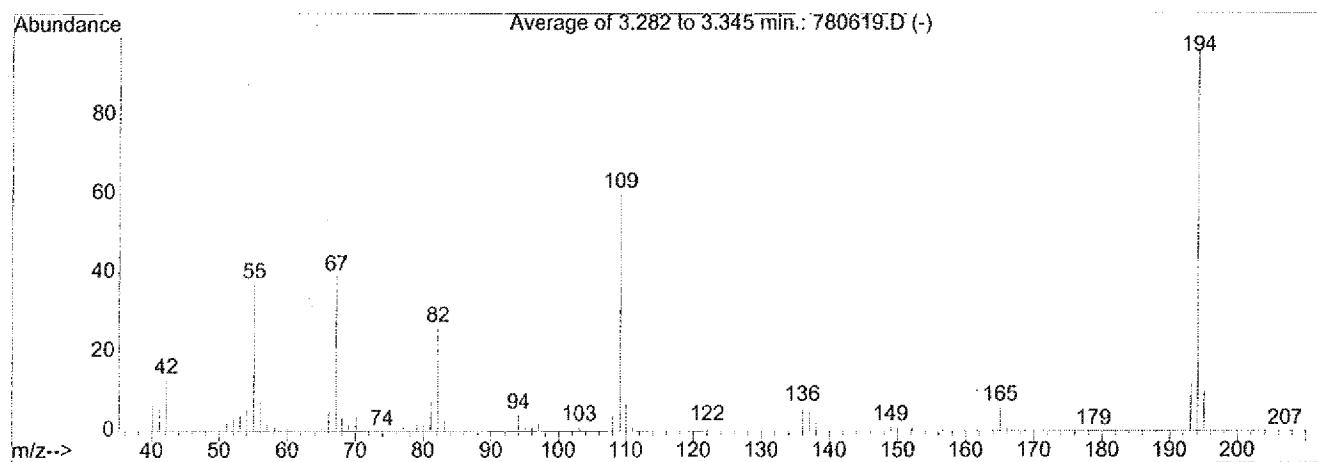
Area Percent / Library Search Report

Information from Data File:

File Name : D:\SYSTEM4\04_05_11\780619.D
Operator : ASD
Date Acquired : 5 Apr 2011 12:44
Sample Name : XXXXXXXXXX
Submitted by : ASD
Vial Number : 19
AcquisitionMeth: DRUGS
Integrator : RTE

Search Libraries: C:\DATABASE\SLI.L Minimum Quality: 90
C:\DATABASE\PMW_TOX2.L Minimum Quality: 90
C:\DATABASE\NIST98.L

PK#	RT	Library/ID	CAS#	Qual
1	3.30	C:\DATABASE\PMW_TOX2.L		
		Caffeine	000058-08-2	95
		Endogenous biomolecule 2AC	000000-00-0	9
		Mescaline AC	000000-00-0	4



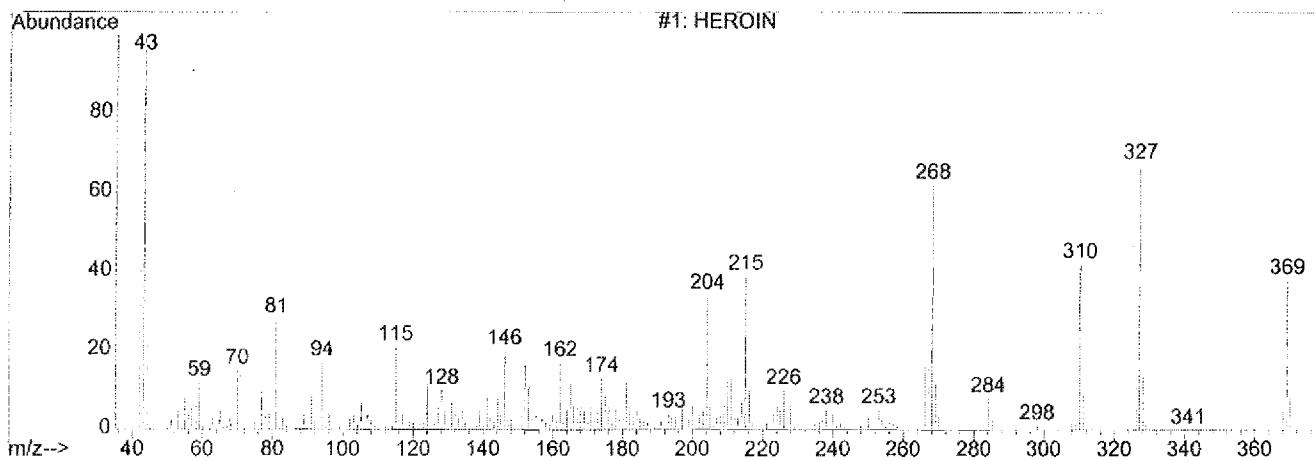
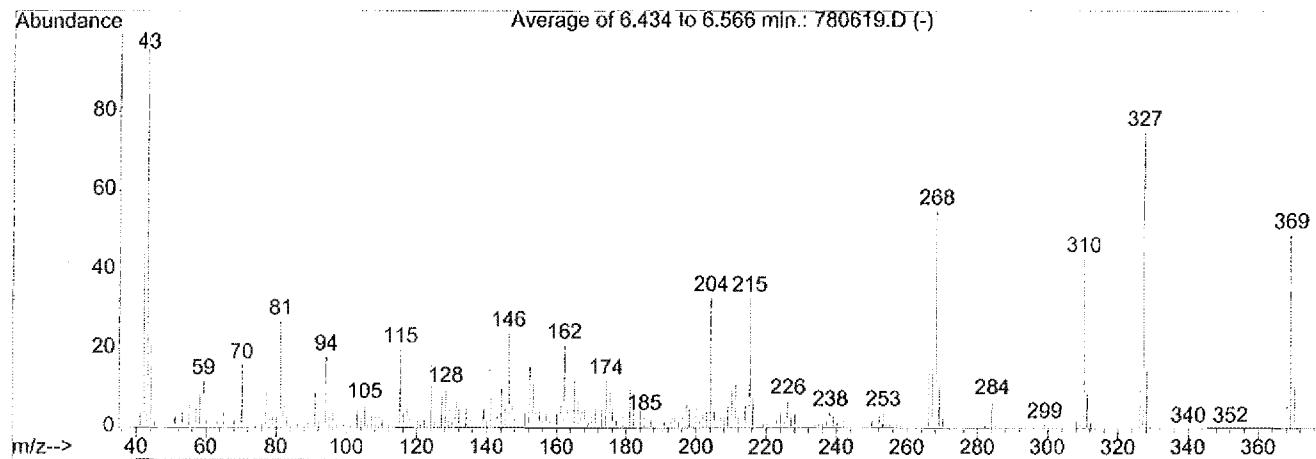
Area Percent / Library Search Report

Information from Data File:

File Name : D:\SYSTEM4\04_05_11\780619.D
Operator : ASD
Date Acquired : 5 Apr 2011 12:44
Sample Name : XXXXXXXXXX
Submitted by : ASD
Vial Number : 19
AcquisitionMeth: DRUGS
Integrator : RTE

Search Libraries: C:\DATABASE\SLI.L Minimum Quality: 90
C:\DATABASE\PMW_TOX2.L Minimum Quality: 90
C:\DATABASE\NIST98.L

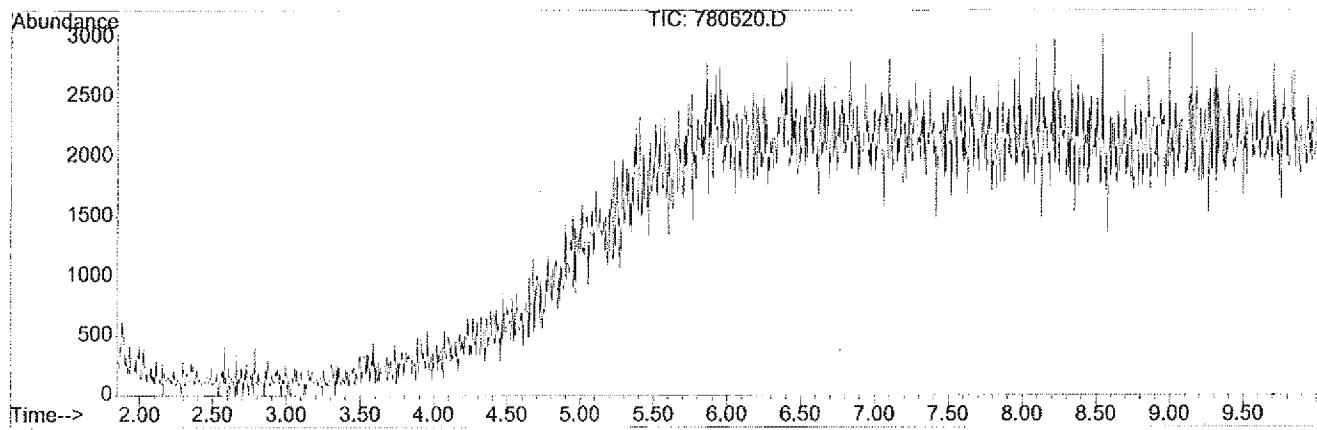
PK#	RT	Library/ID	CAS#	Qual
2	6.48	C:\DATABASE\SLI.L HEROIN	000561-27-3	99



Area Percent / Library Search Report

Information from Data File:

File Name : D:\SYSTEM4\04_05_11\780620.D
Operator : ASD
Date Acquired : 5 Apr 2011 12:57
Sample Name : BLANK
Submitted by : ASD
Vial Number : 1
AcquisitionMeth: DRUGS
Integrator : RTE



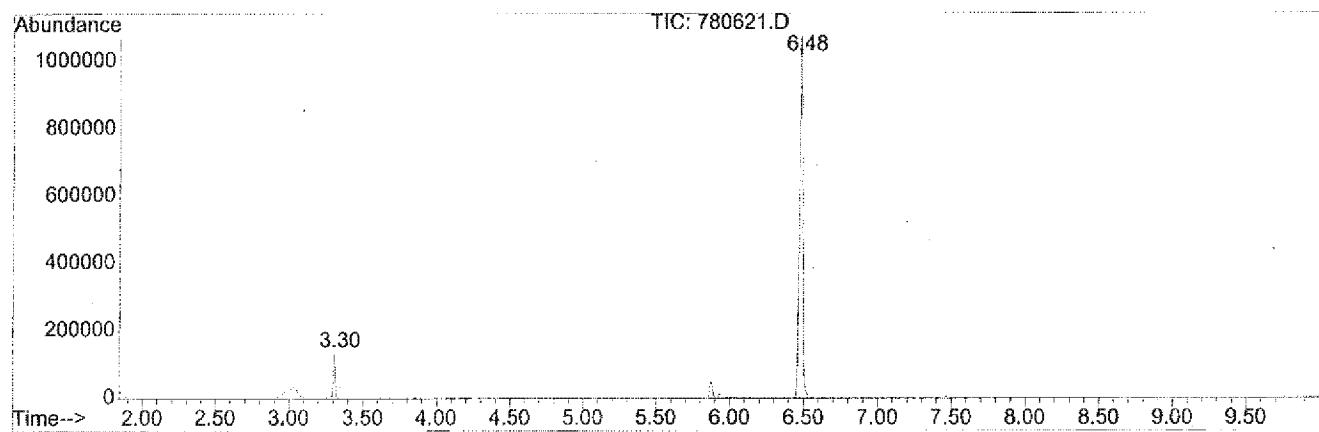
Ret. Time	Area	Area %	Ratio %
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NO INTEGRATED PEAKS

Area Percent / Library Search Report

Information from Data File:

File Name : D:\SYSTEM4\04_05_11\780621.D
Operator : ASD
Date Acquired : 5 Apr 2011 13:11
Sample Name : XXXXXXXXXX
Submitted by : ASD
Vial Number : 21
AcquisitionMeth: DRUGS
Integrator : RTE



Ret. Time	Area	Area %	Ratio %
3.303	123045	7.04	7.57
6.477	1624688	92.96	100.00

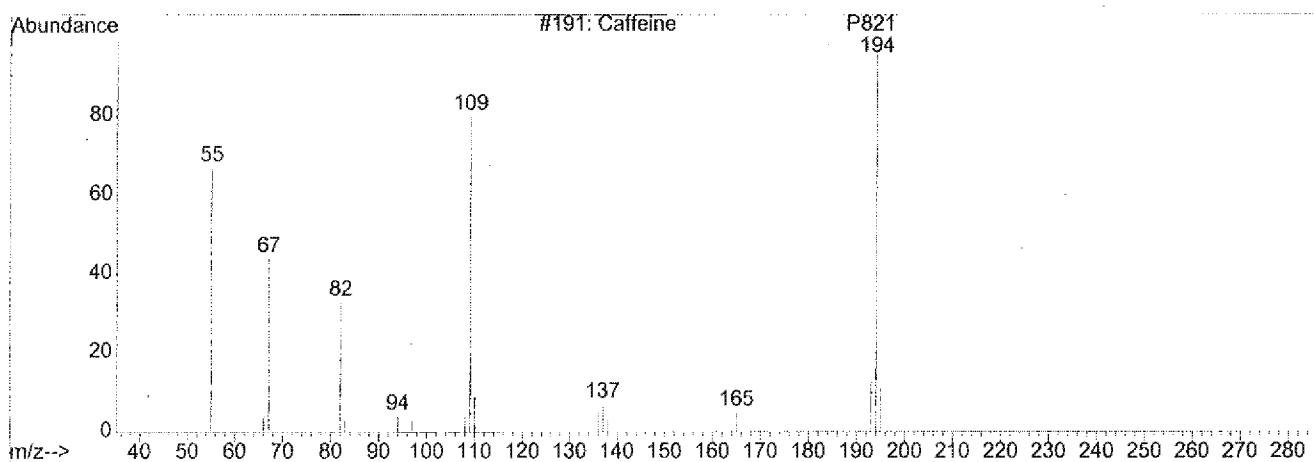
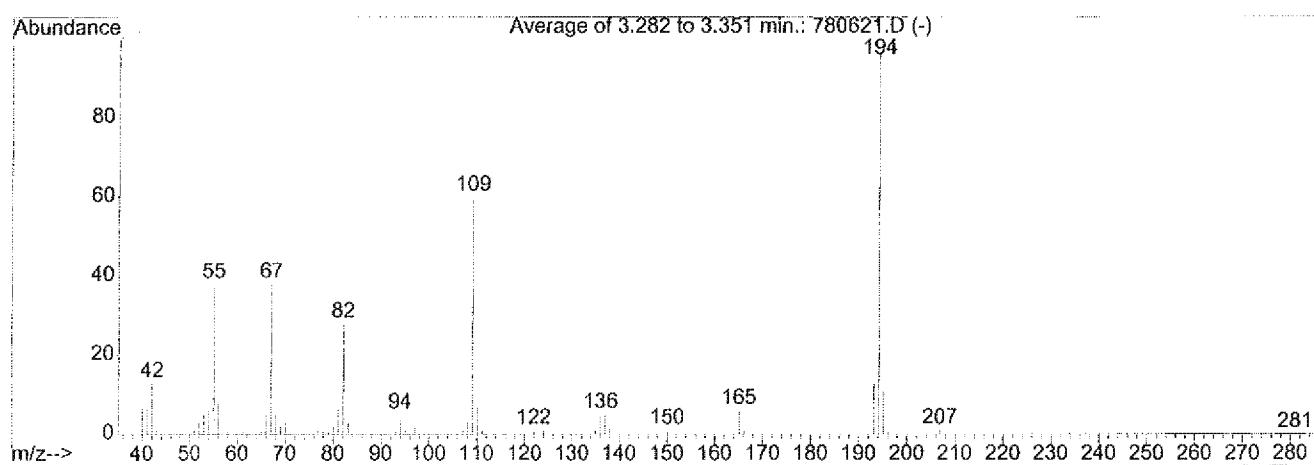
Area Percent / Library Search Report

Information from Data File:

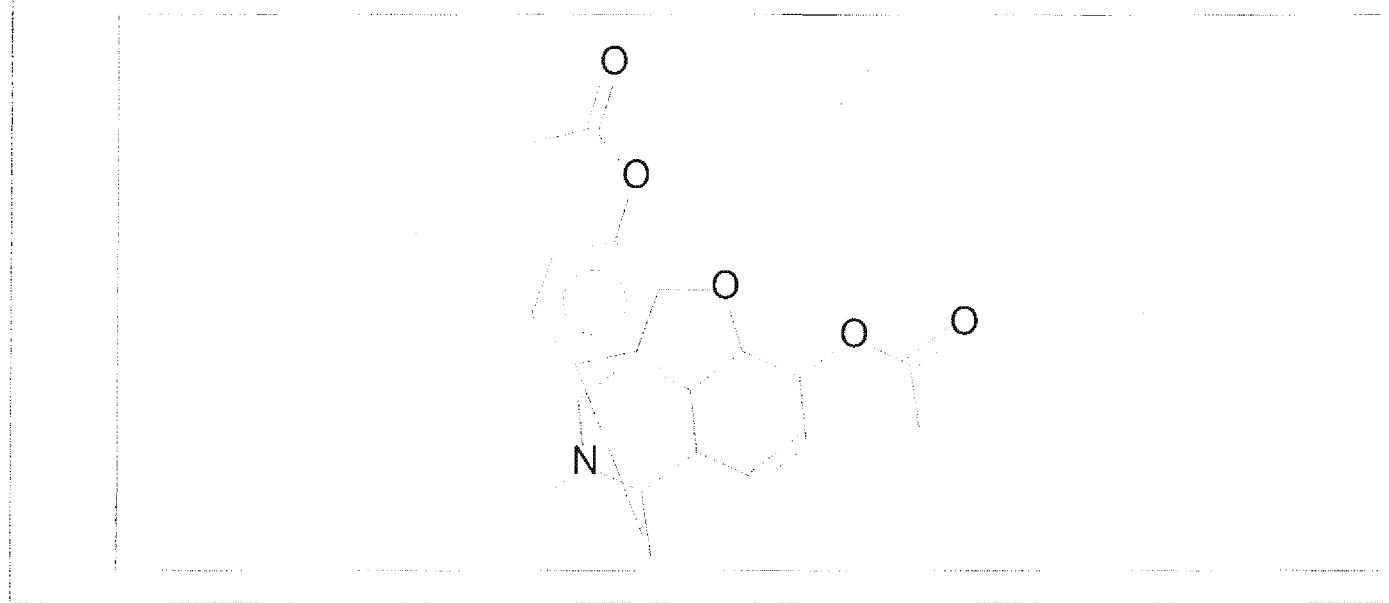
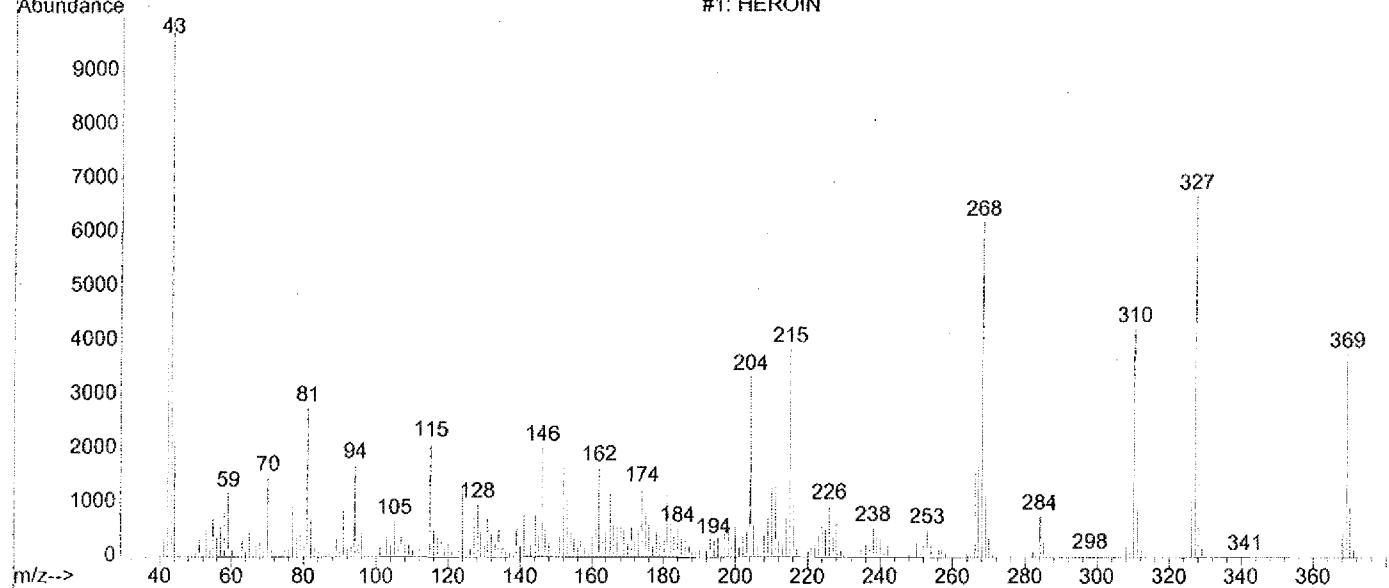
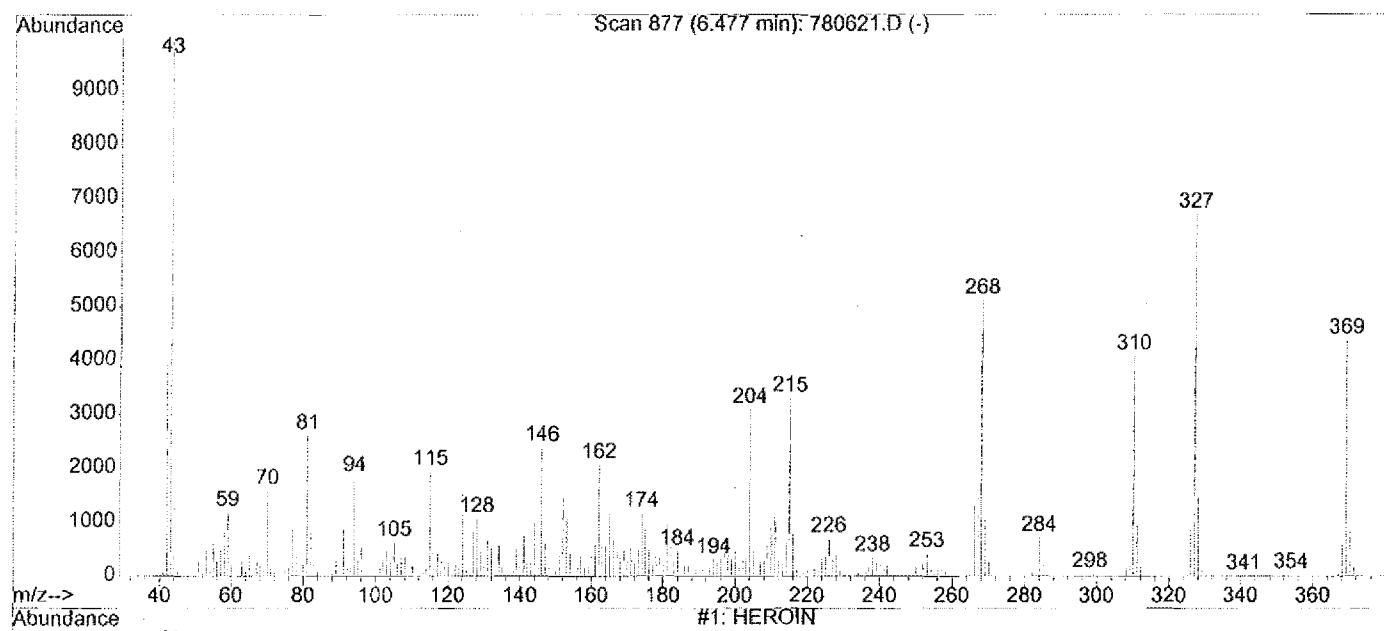
File Name : D:\SYSTEM4\04_05_11\780621.D
Operator : ASD
Date Acquired : 5 Apr 2011 13:11
Sample Name : XXXXXXXXXX
Submitted by : ASD
Vial Number : 21
AcquisitionMeth: DRUGS
Integrator : RTE

Search Libraries: C:\DATABASE\SLI.L Minimum Quality: 90
C:\DATABASE\PMW_TOX2.L Minimum Quality: 90
C:\DATABASE\NIST98.L

PK#	RT	Library/ID	CAS#	Qual
1	3.30	C:\DATABASE\PMW_TOX2.L		
		Caffeine	000058-08-2	95
		Endogenous biomolecule 2AC	000000-00-0	7
		Proxyphylline	000603-00-9	4



Library Searched : C:\DATABASE\SLI.L
Quality : 96
ID : HEROIN



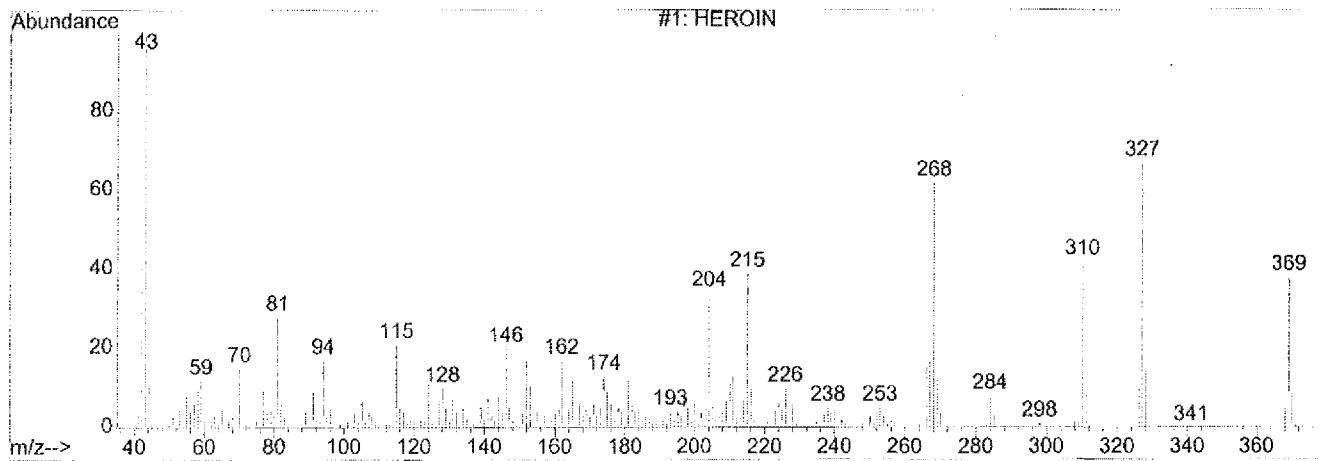
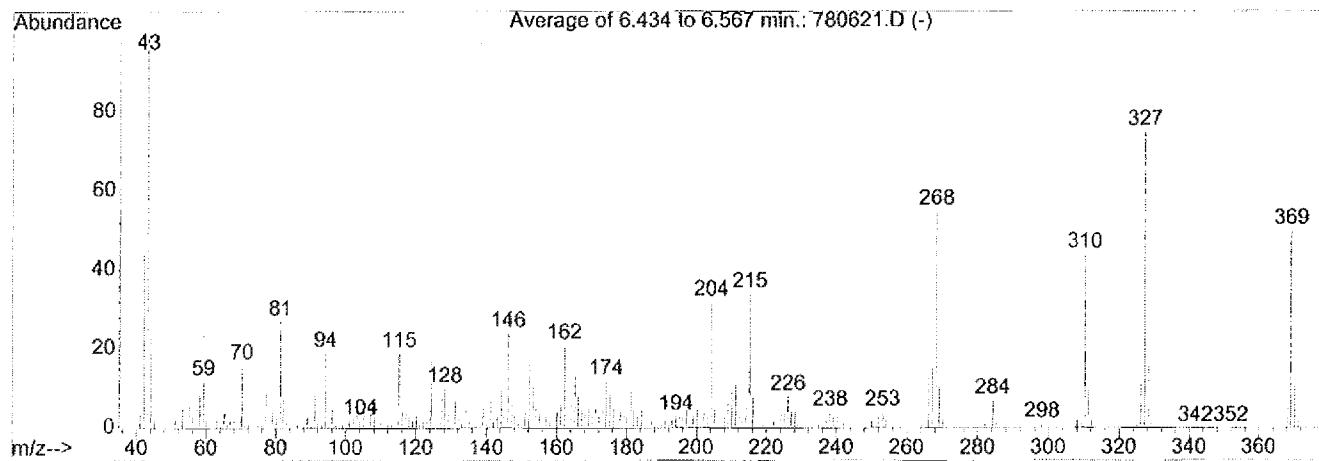
Area Percent / Library Search Report

Information from Data File:

File Name : D:\SYSTEM4\04_05_11\780621.D
Operator : ASD
Date Acquired : 5 Apr 2011 13:11
Sample Name : XXXXXXXXXX
Submitted by : ASD
Vial Number : 21
AcquisitionMeth: DRUGS
Integrator : RTE

Search Libraries: C:\DATABASE\SLI.L Minimum Quality: 90
C:\DATABASE\PMW_TOX2.L Minimum Quality: 90
C:\DATABASE\NIST98.L

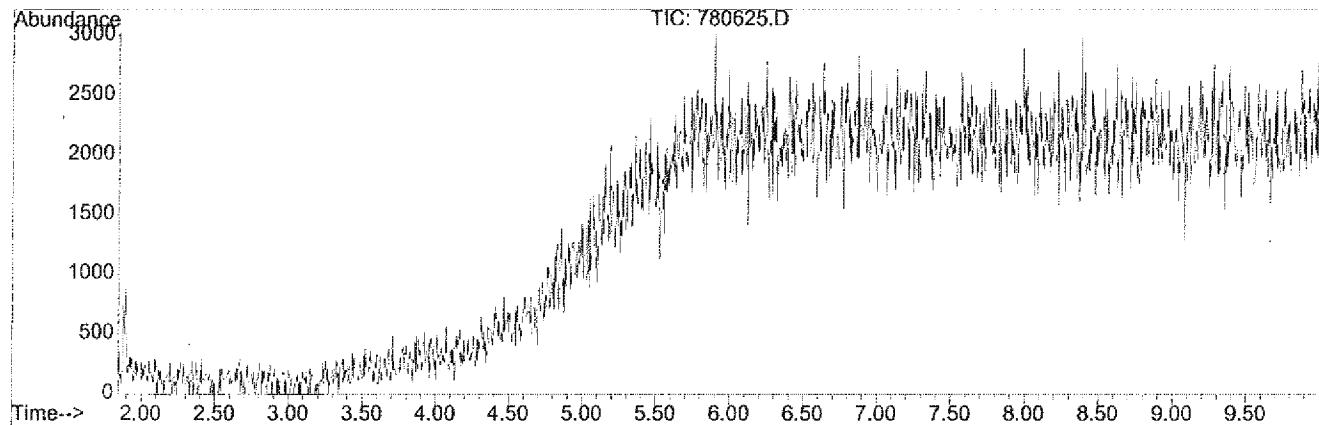
PK#	RT	Library/ID	CAS#	Qual
2	6.48	C:\DATABASE\SLI.L HEROIN	000561-27-3	99



Area Percent / Library Search Report

Information from Data File:

File Name : D:\SYSTEM4\04_05_11\780625.D
Operator : ASD
Date Acquired : 5 Apr 2011 14:06
Sample Name : BLANK
Submitted by : ASD
Vial Number : 1
AcquisitionMeth: DRUGS
Integrator : RTE



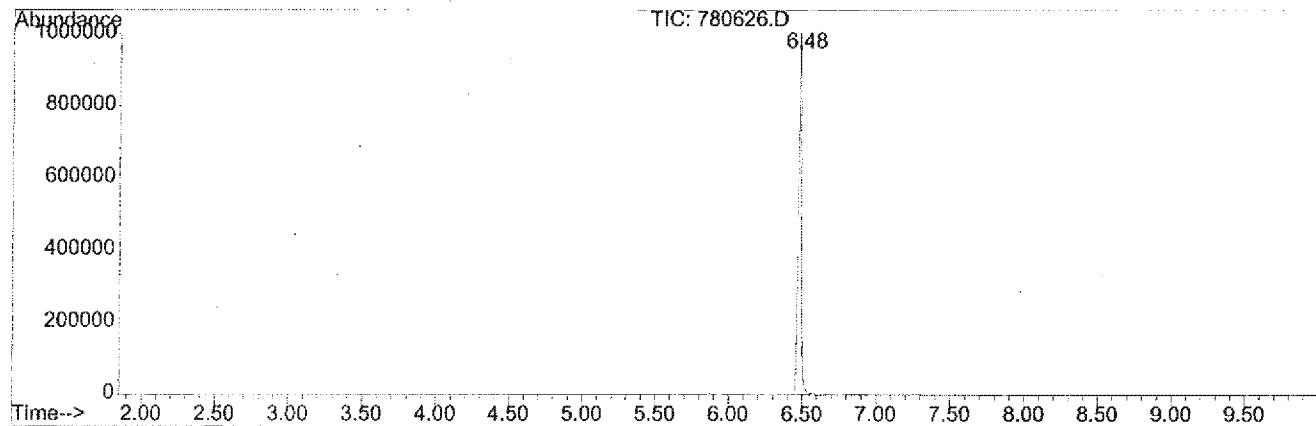
Ret. Time	Area	Area %	Ratio %
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NO INTEGRATED PEAKS

Area Percent / Library Search Report

Information from Data File:

File Name : D:\SYSTEM4\04_05_11\780626.D
Operator : ASD
Date Acquired : 5 Apr 2011 14:20
Sample Name : HEROIN STD
Submitted by : ASD
Vial Number : 5
AcquisitionMeth: DRUGS
Integrator : RTE



Ret. Time	Area	Area %	Ratio %
6.480	1455686	100.00	100.00

Area Percent / Library Search Report

Information from Data File:

File Name : D:\SYSTEM4\04_05_11\780626.D
Operator : ASD
Date Acquired : 5 Apr 2011 14:20
Sample Name : HEROIN STD
Submitted by : ASD
Vial Number : 5
AcquisitionMeth: DRUGS
Integrator : RTE

Search Libraries: C:\DATABASE\SLI.L Minimum Quality: 90
C:\DATABASE\PMW_TOX2.L Minimum Quality: 90
C:\DATABASE\NIST98.L

PK#	RT	Library/ID	CAS#	Qual
1	6.48	C:\DATABASE\SLI.L HEROIN	000561-27-3	99

